```
=> d sia l1
L1 HAS NO ANSWERS
L1                STR
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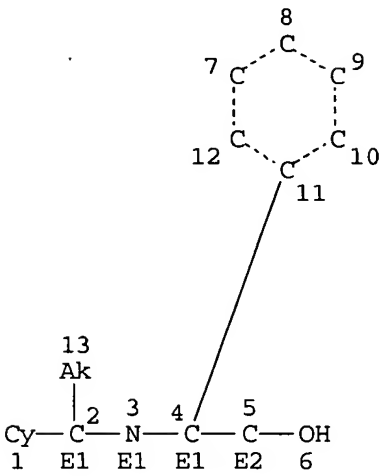


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NODE ATTRIBUTES:
HCOUNT  IS E1     AT   2
HCOUNT  IS E1     AT   3
HCOUNT  IS E1     AT   4
HCOUNT  IS E2     AT   5
DEFAULT MLEVEL IS ATOM
GGCAT   IS MCY  LOC  UNS  AT   1
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  13

STEREO ATTRIBUTES: NONE


=> d his

     (FILE 'HOME' ENTERED AT 11:21:32 ON 12 MAY 2005)

     FILE 'REGISTRY' ENTERED AT 11:21:40 ON 12 MAY 2005
L1                STR
L2              6 S L1
L3            206 S L1 FUL

     FILE 'CAPLUS' ENTERED AT 11:35:50 ON 12 MAY 2005

     FILE 'STNGUIDE' ENTERED AT 11:35:57 ON 12 MAY 2005

     FILE 'CAPLUS' ENTERED AT 11:39:45 ON 12 MAY 2005
L4            100 S L3

     FILE 'REGISTRY' ENTERED AT 11:41:17 ON 12 MAY 2005
L5              1 S PHENYLGLYCINOL/CN

     FILE 'CAPLUS' ENTERED AT 11:41:36 ON 12 MAY 2005
L6            212 S L5
L7            810 S PHENYLGLYCINOL
L8              9 S PHENYL GLYCINOL
L9            968 S L7 OR L8 OR L6
L10            55 S L4 AND L9
```

SAVE L10 H10826456/A

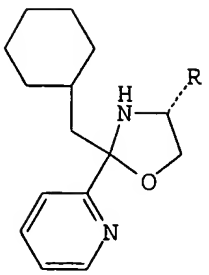
=>

2-Thienylmagnesium bromide 56613-80-0, (R)-**Phenylglycinol**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of bis(α-aryl-α-methylethyl)amines from chiral imines or oxazolidines)

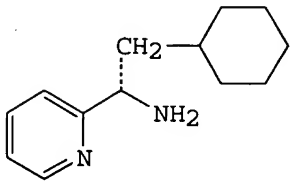
IT **131320-25-7P**, [R-(R*,R*)]-β-[(1-Phenylethyl)amino]benzeneethanol **139437-60-8P**, [R-(R*,R*)]-β-[[1-(2-Thienyl)ethyl]amino]benzeneethanol 153924-63-1P, [R-(E)]-β-[(Phenylmethylene)amino]benzeneethanolBenzeneethanol, β-[(phenylmethylene)amino]-, [R-(E)] 154902-55-3P, [R-(E)]-β-[(2-Thienylmethylene)amino]benzeneethanol 167280-25-3P 167280-26-4P 167280-27-5P 167280-28-6P 167280-30-0P 167280-31-1P 167280-32-2P 167280-33-3P 167280-34-4P 167280-35-5P 167280-36-6P 167280-37-7P 167280-38-8P 167280-39-9P 167280-40-2P 167280-41-3P 167280-42-4P 167280-43-5P 167280-44-6P 167280-46-8P 167358-09-0P 167358-10-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of bis(α-aryl-α-methylethyl)amines from chiral imines or oxazolidines)

IT 23294-41-9P, [R-(R*,R*)]-α-Methyl-N-(1-phenylethyl)benzenemethanamine 56210-72-1P, (S,S')-Bis(1-phenylethyl)amine 167280-29-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of bis(α-aryl-α-methylethyl)amines from chiral imines or oxazolidines)

L10 ANSWER 45 OF 55 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1993:495278 CAPLUS
DN 119:95278
ED Entered STN: 04 Sep 1993
TI A simple and effective enantiomeric synthesis of a chiral primary amine
AU Miao, Clara K.; Sorcek, Ronald; Jones, Paul James
CS Dep. Med. Chem., Boehringer Ingelheim Pharm., Inc., Ridgefield, CT, 06877, USA
SO Tetrahedron Letters (1993), 34(14), 2259-62
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
CC 27-16 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 28
OS CASREACT 119:95278
GI



I



II

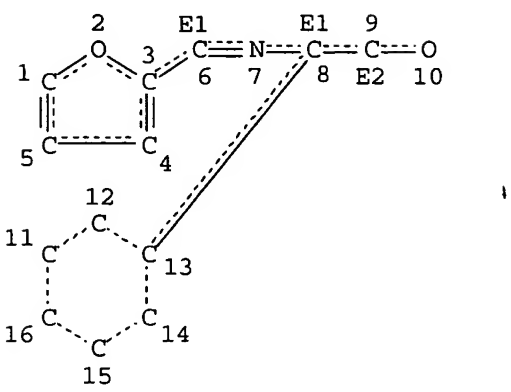
AB Catalytic reduction of chiral 2-(2-pyridyl)-1,3-oxazolidines I (R = Ph, Me2CH) and 2-pyridyl imines derived from (R)-**phenylglycinol** and (R)-valinol afforded high diastereomeric selectivity. Upon oxidative cleavage, the S-primary amine II with high ee was obtained.

ST chiral primary amine synthesis; oxazolidine redn ring cleavage

IT Asymmetric synthesis and induction
(of chiral primary amines, from amino alcs., via oxazolidines)

IT Ring cleavage

```
=> str
:=> d sia
L1 HAS NO ANSWERS
L1                STR
```

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NODE ATTRIBUTES:
HCOUNT  IS E1     AT   6
HCOUNT  IS E1     AT   8
HCOUNT  IS E2     AT   9
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  16

STEREO ATTRIBUTES: NONE


=> s l1
SAMPLE SEARCH INITIATED 11:05:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    363 TO ITERATE

100.0% PROCESSED     363 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         6117 TO     8403
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 11:05:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   6978 TO ITERATE

100.0% PROCESSED    6978 ITERATIONS                            14 ANSWERS
SEARCH TIME: 00.00.01

L3            14 SEA SSS FUL L1

=> d tot reg
1          RN             779340-43-1  REGISTRY
2          RN             779340-42-0  REGISTRY
3          RN             216169-67-4  REGISTRY
4          RN             202072-12-6  REGISTRY
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5	RN	172738-77-1	REGISTRY
6	RN	139437-47-1	REGISTRY
7	RN	84966-68-7	REGISTRY
8	RN	84966-62-1	REGISTRY
9	RN	84966-52-9	REGISTRY
10	RN	84966-43-8	REGISTRY
11	RN	84966-39-2	REGISTRY
12	RN	84966-27-8	REGISTRY
13	RN	84966-20-1	REGISTRY
14	RN	84966-14-3	REGISTRY

=> d 1 3-7 ide

L3 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2005 ACS on STN
RN 779340-43-1 REGISTRY
ED Entered STN: 12 Nov 2004
CN Benzenemethanamine, N-[(5-methyl-2-furanyl)methylene]-α-[[(trimethylsilyl)oxy]methyl]-, [N(E),αR]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H23 N O2 Si
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.